

Amendments to the Specification

Please replace the Title with the following amended title:

~~Method And System For~~ Inspecting The Runtime Behavior Of A Program While Minimizing Perturbation.

Please replace the Abstract with the following amended Abstract

~~METHOD AND SYSTEM FOR~~ INSPECTING THE RUNTIME BEHAVIOR OF A PROGRAM WHILE MINIMIZING PERTURBATION

ABSTRACT

~~A system and method for analyzing~~ Analyzing the runtime behavior of a program given a set of one or more probes and points for inserting the probes for performing a specified inspection, ~~the method comprises~~ includes providing a compiler with one or more of the following types of information about each probe: specifying the probe's context, its filter criteria, whether it is a fast-path probe, whether it is a timing probe, the probe's guard swing, the probe's context hardness, and the probe's temporal hardness; and compiling the program with the one or more probes and the information.